

BARCIKOWSKI, Wladyslaw; RUSZCZEWSKI, Zygmunt

Generalization of tuberculosis in cases of intra-articular infection in guinea pigs. Gruzlica 27 no.10: 1023-1034 0'59.

1. Z Zakladu Patologii Doswiadczalnej PAN. Kierownik: prof.dr. nauk med. L. Paszkiewicz.
(TUBERCULOSIS exper.)

BARC IKOWSKI, Wladyslaw; RUSZCZEWSKI, Zygmunt

Non-specific changes in the osteoarticular system in experimental tuberculosis of the knee joint. Chir.narz.ruchu 25 no.2:149-154 '60.

1. Z Zakladu Patologii Doswiadczalnej PAN w Warszawie. Kierownik: prof.dr L. Paszkiewicz.

(TUBERCULOSIS OSTEOARTICULAR exper.)

BARC IKOWSKI, Władysław; RUSZCZEWSKI, Zygmunt

Effect of methylthiouracil on experimental osteoarticular tuberculosis. Chir.narz.ruchu 25 no.2:155-160 '60.

1. Z Zakładu Patologii Doswiadczałnej PAN w Warszawie. Kierownik: prof.dr L. Paszkiewicz.

(TUBERCULOSIS OSTEOARTICULAR exper.)

(THIOURACIL rel.cpd.s.)

BARCIKOWSKI, Wladyslaw; RUSZCZEWSKI, Zygmunt

Experimental tuberculosis of the knee joint in a guinea pig. Rozpr.
wyzd.nauk med. 5 no.1:181-194 '60.

1. Z Zakladu Patomorfologii Polskiej Akademii Nauk w Warszawie
Kierownik: prof. dr nauk med. Ludwik Paszkiewicz. Przedstawili:
prof. dr Stefania Chodkowska, prof. dr Janina Dabrowska.
2. Docent Pracowni Patomorfologii Zakladu Patologii Dozwiadczalnej
PAN (for Barcikowski). 3. Kierownik Pracowni Patomorfologii
Zakladu Patologii Dozwiadczalnej PAN (for Ruszczewski)
(TUBERCULOSIS OSTEOARTICULAR exper)

BARCIKOWSKI, Wladyslaw; RUSZCZEWSKI, Zygmunt

Attempted graphic representation of morphological changes in
experimental tuberculosis. Pat.polska 11 no.3:249-253 '60.

1. Z Zakladu Patologii Doswiadczalnej PAN, Kierownik: Prof.dr
L. Passkiewics.

(TUBERCULOSIS exper)

BARCIKOWSKI, Wladyslaw

Effect of a thyroid preparation on experimental tuberculosis of the knee joint treated with streptomycin. Chir.narzad. ruchu ortop. pol. 28 no.6:601-604 '63.

1. Z Pracowni Patomorfologii Zakladu Patologii Doswiadczalnej. Kierownik Zakladu: prof. dr. L.Paszkiewicz.

*

BARCIKOWSKI, Wladyslaw; DYBOWSKI, Wieslaw Robert

Treatment of contractures of the knee joint in patients with chronic progressive rheumatism. Reumatologia (Warsz.) 2 no.4: 355-363 '64

1. Z Oddzialu Ortopedycznego Instytutu Reumatologicznego (Kierownik: doc. dr. med. W. Barcikowski; Dyrektor Instytutu: dr. med. W. Bruhl).

BARCIKOWSKI, Władysław

Osteoclastoma. Wlad. lek. 18 no.12:77-1005 15.1e '65.

1. Z Kliniki Ortopedycznej (Kierownik: prof. dr. med. M. Garlicki)
i z Zakładu Anatomii Patologicznej 2 Cento. Szpitala Kliniki Wojsko-
wej Akademii Medycznej w Łodzi (Kierownik: prof. dr. med. S. Ru-
szcwski).

BARCICKOWSKI, Władysław; FURA, Marian

Hip surgery in rheumatic diseases. Reumatologia (Warsz.) 3 no.3:
245-253 '65.

1. Z Oddziału Chirurgii Ortopedycznej Instytutu Reumatologicznego
w Warszawie (Kierownik: doc. dr. med. W. Barcikowski; Dyrektor
Instytutu: dr. med. W. Brühl).

BARCIKOWSKI, Wladyslaw

Diagnostic difficulties in some bone neoplasms. Wied. lek. 18
no.15:1237-1244 1 Ag '65.

1. Z Kliniki Ortop. 2 Centr. Szpit. Klin. Wojskowej AM (Kierownik:
prof. dr. med. M. Garlicki) i z Zakladu Anatomii Patol. 2 CSK
Wojskowej AM (Kierownik: prof. dr. med. Z. Ruszczewski).

BARCINSKI, F.

"I. S. Kuvshinov's Development of Agriculture in the Volga-Akhtubinsk Region in Connection with Construction of the Stalinograd Hydraulic System; a Book Review." P. 173, (PRZEGLAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW, Vol. 26, No. 2, 1954, Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL, LC, Vol. 3, No. 12, Dec. 1954, Uncl.

BARCINSKI, F.

BARCINSKI, F.

Problems of the geography of agriculture in the Soviet Union, p. 102. (PRZEGLAD
GEOGRAFICZNY, POLISH GEOGRAPHICAL REVIEW, Warszawa, Vol. 26, no. 4, 1954.)

SO: Monthly List of East European Accessions, (EEAL), 10, Vol. 4, No. 1, Jan. 1955, Uncl.

BARCINSKI, F.

The sugar industry in Poland p. 8. Warszawa
Vol. 9, no. 1, Jan./Feb. 1956
GEOGRAPHICAL SERIES

SOURCE: East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

BARCINSKI, F.

BARCINSKI, F. From a discussion on geography. p. 292. Vol. 9, no. 6,
Nov./Dec. 1956. Warszawa, Poland
Geografia W Szkole

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

BARCINSKI, F.

Stanislaw Nowadowski's geographical works; a biographic sketch.
p. 81. Vol. 28, no. 1, 1956 Warszawa
PRZEGLED GEOGRAFICZNY

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 6, August 1956

BARCINSKI, F.

BARCINSKI, F. G. D. Kulagin's Industrial Geography of Italy; a book review. p. 613

Vol. 28, no. 3, 1956

ATLAS POLSKICH STROJOW LUDOWYCH
Poland

So: East European Accession, Vol. 6, No. 5, May 1957

BARCINSKI, F.

BARCINSKI, F. The collective book Gorny Slask, prace i materialy geograficzne
(Upper Silesia; Geographical Studies and Materials); a book review. p. 633.

Vol. 28, no. 3, 1956
ATLAS POLSKICH STROJOW LUDOWYCH
Poland

So: East European Accession, Vol. 6, No. 5, May 1957

BARCINSKI, Florian

"The Scandinavian countries" by A.C.O'Dell. Reviewed by Florian Barcinski. Przegl geogr 34 no.2:424-428 '62.

BARCINSKI, Florian

"Naphta; a geographical-economic outline," by J. Glodek.
Reviewed by Florian Barcinski. Przegl geogr 34 no.1:212-216
'62.

BARCINSKI, Florian

"German planning atlas" Vol.4. Reviewed by Florian Barcinski.
Przegl geogr 35 no.1:123-124 '63.

BARCINSKI, Florian

"Characteristics and factors of the dislocation of the branches of national economy of the U.S.S.R." by J. Fejgin. Reviewed by Florian Barcinski. Przegl geogr 35 no.2:271-275 '63.

BARCINSKI, Florian

"Canada between past and future" by H. Bernhard, E. Winkler;
"Canada, country and people" by M. Jarochovska. Reviewed by
Florian Barcinski. Przegl geogr 35 no.2:280-282 '63.

BARCINSKI, Florian (Poznań)

Stanislaw Nowakowski, a Marxist geographer. Review Pol
Academy 9 no.2:30-37 Ap-Je '64.

BARCINSKI, Florian

Stanislaw Nowakowski, a great Marxist geographer. Nauka polska
12 no.2:252-262 '64.

1. Adam Mickiewicz University, Poznan.

KRYGUSKI, Bogumi, prof. dr.; B. KRYGUSKI, Florian, prof. dr.

Geographical Institute of the Adam Mickiewicz University, Poznan,
during the 20-year period of the Polish People's Republic. Przegl
geogr 36 no. 1 567-776 '64.

BARCINSKI, Jerzy

Otogenic brain abscesses treated in the otorhinolaryngological department of the municipal hospital in Elblag from 10/1/1955-12/31/1961. Otolaryng. pol. 17 no.1:111-115 '63.

1. Z Oddzialu Otolaryngologicznego Szpitala Miejskiego w Elblagu Ordynator: lek. med. J. Barcinski.
(BRAIN ABSCESS) (OTITIS MEDIA)
(THERAPEUTICS)

BARCISZEWSKI, Marian; JANKOWSKI, Włodzimierz; STACHOWSKA, Zofia.

Sporadic cases of typhus. Przegl. epidem. 8 no.2:113-116 1954.

1. Z Wojewódzkiego Szpitala Zakaznego im. Tadeusza Browicza i z
Wojewódzkiej Stacji Sanitarno-Epidemiologicznej w Bydgoszczy.
(TYPHUS, epidemiology,
Poland)

BARCISZEWSKI, M.; JANECKI, J.; JEZIORANSKA, J.

Clinical and serological evaluation of trichinosis. J. Hyg. Epidem.,
Praha 3 no.3:317-328 1959

1. (Post graduate Medical School, Infectious Diseases Department,
Section in Bydgoszcz Medical Parasitology Dept. Institute of Hygiene,
Warsaw.

(TRICHINOSIS)

JEZIORANSKA, Alicja; BARCISZEWSKI, Marian

Immunological reactions during the 1957 epidemic of trichinosis in
Bydgoszcz. Med. dosw. mikrob. 11 no.1:53-61 1959.

1. Z Zakladu Parazytologii Lekarskiej Panstwowego Zakladu Higieny w
Warszawie. Z Zakladu Chorob Zakaźnych Studium Doskonalenia Lekarzy,
Oddział w Bydgoszczy.

(TRICHINOSIS, diagnosis.

serol tests during epidemic (Pol))

BARCISZEWSKI, Marian; JANECKI, Jerzy

Clinical evaluation of trichinosis. Polski tygod. lek. 14 no.6:
271-276 9 Feb 59.

1. (Z Zakladu Chorob Zakaźnych Studium Doskonalenia Lekarzy; Oddział
w Bydgoszczy; kierownik: dr med. M. Barciszewski) Adres: Bydgoszcz,
ul. Swietojanska 1 m. 6.

(TRICHINOSIS

clin. manifest. & ther. (Pol))

BARCISZEWSKI, Marian; JANECKI, Jerzy; GAYNY, Wanda

Proteinogram in children in the acute phase of infectious hepatitis. *Pediat. pol.* 38 no.3:271-280 '63.

1. Z Ośrodka Szkoleniowego Chorob Zakaznych Oddzialu
Bydgoskiego Studium Doskonalenia Lekarzy AM w Warszawie
Kierownik Ośrodka: dr med. M. Barciszewski.
(BLOOD PROTEINS) (HEPATITIS INFECTIOUS)

· IORDAN, Ion; BARCO, Aurelia

Agricultural economy of southern Baraganu and Balta Ialomitei.
Probleme geog 9:257-271 '62. (publ. '63)

BARCO, Aurelia

A new state is claiming its independence; British Guiana.
St si Teh Buc 14 no.5:38, 43 My '62

BARCOK, I

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their H-27
Application, Part 3. - Food Industry.

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 23066

Author : I. Barcok

Inst :

Title : Equipment of New Bakeries in Czechoslovakia.

Orig Pub : Prumysl potravin, 1957, 8, No 8, 420-423

Abstract : No abstract.

Card 1/1

BARCO PASOI, Aurelia

Some geographical characteristics of road transport in the
Danube Valley between Turnu Magurele and Calarasi. Rev
transport 11 no.2:57-61 F '64.

BARCO-PASOI, Aurelia

Aspects of the goods transportation geography on the Rumanian Railroads
in the Crisana region. Rev sailer for 11 no.3:126-129 Mr '63.

1. Cercetator I.G.G., Academia R.P.R.

BAKOS, V.

TECHNOLOGY

Periodical: EPUIETOGESPEMET Vol. 7, no. 5/6 1970

BAKOS, V. Economical thickness of outside walls. p. 215

Monthly list of East European Accessions (EEAS) 10, Vol. 6, No. 5,
May 1959, Unclasp.

BARCS, Vilmos, dr., a muszaki tudományok kandidátusa

Description of the study entitled "Evaluation of closed areas from the point of view of heat engineering" winning 1st prize at the contest arranged by the Ministry of the Construction. Épületgépészet 13 no. 1:34-35 F '64.

1. Egitestudományi Intézet.

BARCS, Vilmos, dr.

Remark about the article by Henrik Grabics entitled "Surface
evaporation factor and its calculation." *Épületgépészet* 12
no.5:171 0 '63.

BARCSA, A.; MOHÁCSI, L.

Development of the oesophagus under normal and experimental conditions.
Acta Morph. Acad. Sci. Hung 11 no.2:195-203 '62.

1. Department of Anatomy, Histology and Embryology, University Medical
School, Debrecen (Director: Prof. St. Krompecher)

(ESOPHAGUS ant & histol) (AGING)

BARCS, Vilmos, a muszaki tudományok kandidátusa

Building limiting structures from the point of view of heat
engineering. Épületgépészet 9 no.4:138-145 '60.

BARCS, Vilmos, dr., a muszaki tudományok kandidátusa

Continuous and interrupted central heating operation.
Épületgépészet 9 no.6:217-222 '60.

1. Egitesttudományi Intézet.

BARCZ, Vilmos, dr., a muszaki tudományok kandidátusa

Experiences concerning Poland's long-distance heating system.
Épületgépészet 11 no.6:235-239 D '62.

1. Építéstudományi Intézet.

BARCS, Vilmos, dr., a muszaki tudományok kandidátusa

On the precipitation in the inside of building constructions
due to vapor diffusion. Épületgépészet 12 no.3/4:85-90 Je '63.

1. Eptestudományi Intézet.

BARCS, Vilmos, dr.

Microclimate of modern buildings. Műsz. élet 19 no.23:10
5 N '64.

BARCSAY

F.

TRENCSENI, Tibor, dr.; KELETI, Bela, dr.; KINGSSES, Antal, dr.; SZABO, Judit, dr.; SZENTESI, Huba, dr.; BARCSAY, Ferenc, dr.

Nephrosc-pephritis haemorrhagica infectiosa; clinical aspects based on observation of 58 cases. Orv. hetil. 95 no.24:645-656 13 June 54.
(EPIDEMIC HEMORRHAGIC FEVER)

BARCSAY, F.

TRENCSENI, T.; KELESI, B.; KINCSES, A.; SZABO, J.; SZENTESI, H.;
BARCSAY, F.

The clinical picture of haemorrhagic nephroso-nephritis on
the basis of 58 cases. Acta med.hung. 7 no.1-2:59-81 1955.

1. Medical Service of the Hungarian People's Army.
(EPIDEMIC HEMORRHAGIC FEVER,
clin. aspects)

BARCSAY, Jozsef

Control of lime burning by means of gas analysis. Cukor
16 no.12:324-328 D '63.

1. Obudai Szeszgyar.

BARCZ, Ludwik

Two cases of Hurtle cell tumor of the thyroid gland. *Endokr.*
Pol. 15 no.3:323-326 My-Je 1964

1. Oddzial Chirurgiczny Szpitala Wojewodzkiego w Warszawie
(Dyrektor Szpitala dr.R.Brzezowski; Ordynator prof. dr.
W. Rudowski).

BARCZ, Ludwik

Biliary tract injuries during gastric surgery in duodenal ulcer.
Pol. tygod. lek. 19 no.7:255-258 10 F '64.

1. Z Oddziału Chirurgicznego Szpitala Miejskiego w Tomaszowie
Mazowieckim (ordynator: dr L. Barcz).

BARCZA, Lajos

Newer achievements in the inorganic chemistry of sulphur,
selenium and tellurium. *Kem tud kozl MTA* 22 no.1:47-70
'64.

1. Chair of Inorganic and Analytic Chemistry, Lorand Evotes
University, Budapest.

L 63746-65 EPF(c)/EWP(j)/EWA(c) RPL JW/RM

ACCESSION NR: AT5021744

HU/2502/64/041/01-/0091/0095

AUTHOR: Barcza, Lajos (Bartsa, L.)(Doctor)(Budapest)

TITLE: Selective determination of minute amounts of o-phenylenediamine in the presence of m- and p-phenylenediamine

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 41, no. 1-2, 1964, 91-95

TOPIC TAGS: amine, selenium compound, spectrophotometry, chemical detection

ABSTRACT: [English article] o-Phenylenediamine (but not m- and p-phenylenediamine) reacts with selenous acid in the 1-2 pH range yielding the theoretical quantity of 2,1,3-benzoselenadiazole. This product is characterized by its spectrophotometric behavior at 335 nm. If an excess of selenous acid is used, it is possible to determine amounts as low as 0.2 µg. o-phenylenediamine per ml. in the presence of 2000 times this amount of the m- and/or p-isomers. Accuracy of the method is + 0.5% in the 3-5 µg./ml. concentration range. 2 references to Western publications.

Orig. art. has: 3 graphs, 1 formula.

Card - 1/2

L 63746-65

ACCESSION NR: AT5021744

ASSOCIATION: Institute of Inorganic and Analytical Chemistry, L. Eotvos
University, Budapest

SUBMITTED: 03Jan64

ENCL: 00

SUB CODE: OC, GC

NR REF SOV: 000

OTHER: 002

JPRS

mlb
Card 2/2

L 01194-66 EPF(c)/EPF(n)-2/EWP(t)/EWP(b) HJP(c) JD

ACCESSION NR: AP5025813

HU/0005/65/071/006/0248/0251

AUTHOR: Schulek, Elemer; Barcza, Lajos; Ladanyi, Laszlo; Gaborne Feher, Magda ¹⁷₅

TITLE: Data on the analytical control of technical-grade thionyl chloride

SOURCE: Magyar kemiai folyoirat, v. 71, no. 6, 1965, 248-251

TOPIC TAGS: analytic chemistry, thionyl chloride, sulfur compound, chloride

ABSTRACT: Thionyl chloride, sulfur²⁷yl chloride, and disulfur dichloride were determined in technical-grade thionyl chloride by hydrolyzing the ingredients in an alkaline medium in the presence of cyanide ions to sulfites, sulfates, and thiocyanate, respectively, followed by the analytical determination of the products according to standard techniques. The procedures involved in the determination were described and numerical results were presented to illustrate the accuracy of the method. Orig. art. has: 1 figure, 2 tables.

ASSOCIATION: Eotvos Lorand Tudomanyegyetem Szervetlen- es Analitikai-Kemiai Tanszeke, Budapest (Department of Inorganic and Analytical Chemistry, Eotvos Lorand Scientific University)

SUBMITTED: 01Dec64

ENCL: 00

SUB CODE: IC, GC

NR REF SOV: 000

OTHER: 006

JPRS

Card 1/1 Ke

L 47526-66

EWPC

FM

ACC NR: AT6035001

SOURCE CODE: HU/2502/66/0077002/0137/0141

AUTHOR: Barcza, Lajos--Bartsa, L. (Doctor) of the Institute for Inorganic and Analytical Chemistry at L. Eotvos University

"Contributions to the Chemistry of Selenium and Selenium Compounds. Part 14: Determination of Selenium in Organic Selenium Compounds"

Budapest, Acta Chimica Academiae Scientiarum Hungaricae, Vol 47, No 2, 1966, pp 137-141.

Abstract: [English article] In the method described the organic compound is decomposed according to the Schoniger method (Mikrochim. Acta., 1963, p 52). The sample, having a selenium content between 1 and 3 mg., is then converted to selenium dioxide, absorbed in water, converted with cyanide into selenocyanide, excess cyanide is removed, and the selenium cyanide is determined iodometrically through cyanogen bromide. The method is rapid, accurate, and simple. Some results were presented and discussed.

Orig. art. has: 1 table. [JPRS: 36002]

TOPIC TAGS: organoselenium compound, quantitative analysis

SUB CODE: 07 / SUBM DATE: 08 Dec 64 / ORIG REF: 001 / OTH REF: 013

Cord

1/1

L 46221-66 EWP(t)/ETI IJP(c) RDW/JD

ACC NR: AT6034081

SOURCE CODE: HU/2502/65/045/001/0023/0029

AUTHOR: Barcza, Lajos--Bartsa, L.

ORG: Eotvos Lorand University, Institute of Inorganic and Analytical Chemistry,
Budapest (Eotvos Lorand Tudomanyegyetem, Szervetlen es Analitikai Kemiai Intezet)

TITLE: Data on the chemistry of selenium and selenium compounds, XIII. Methods for the
 detection of selenocyanide ions

SOURCE: Academia scientiarum hungarica. Acta chimica, v. 45, no. 1, 1965, 23-29

TOPIC TAGS: selenium, selenium compound, cyanide

ABSTRACT: Although selenocyanide ions are also of practical importance, the literature, including monographs, contains no systematic survey of methods of their detection. Some data on the qualitative and quantitative analysis, and on the inorganic chemistry of selenocyanide were, therefore, collected, critically revised and, in certain cases, complemented by certain observations which appeared to be essential from the aspect of detection. In addition, a new method was developed for the reliable detection of the compound. It is based on the chloroform extraction of the complex diseleno-tetrapyridino cadmium, followed by acid decomposition. The new detection method is very sensitive ($\lambda = 4.4$) and extremely highly selective. [Based on author's Eng. abst.] [JPRS: 33,540]

SUB CODE: 07 / SUBM DATE: 05Jun64 / ORIG REF: 001 / SOV REF: 003

OTH REF: 023

Card 1/1 blg

BARCZY, Geza; BODA, Imre

Comparative study on the fattening of Hungarian spotted x charolais
F₁ and Hungarian spotted heifers. Allattenyesztes 13 no.2:115-124
Je '64.

1. Division of Cattle Breeding, Research Institute of Animal
Breeding, Budapest.

BARCZA, Geza, dr., jogtanacsos

Survey of historical monuments in Hungary. Epites szemle 8
no. 5:157-160 '64.

1. National Board of Surveying Historical Monuments, Budapest.

BARCZA, Lajos; SCHULEK, Elemer

Study of hydrolysable compounds. III. Determination of acids in the presence of heavy metal salts following separation of the metal ions by precipitation. Acta pharm. Hung. 35 no.2: 49-52 Mr '65

HUNGARY / Analytical Chemistry. Analysis of Organic Substances. E-3

Abs Jour: Ref Zhur-Khimiya, 1958, No 17, 57236.

Author : Pribil R., Koros E., Barcza L.

Inst : Not given.

Title : Complexometric Determination of Mercury Compounds.
III. Determination of Mercury in Organic Compounds.

Orig Pub: Acta pharmac. hung., 1957, 27, No 6, 243-245.

Abstract: Complexometric method for the determination of Hg has been adopted to organic compounds. A 0.20 gr sample of an organic substance is decomposed by heating in the presence of 2cc of concentrated H_2SO_4 and of 2cc of H_2O_2 . Under these conditions

Card 1/2

HUNGARY / Analytical Chemistry. Analysis of Organic Substances. E-3

Abs Jour: Ref Zhur-Khimiya, 1958, No 17, 57236.

Abstract: Hg is completely oxidized to Hg^{2+} . The solution is then diluted, pH is adjusted at 4.5-6, 1-2cc of 20% solution of hexamethylenetetramine is added and the resulting solution is titrated with 0.005 M solution of complexon III in the presence of the xylenol orange indicator. Mercury compounds containing N decomposed with the aid of HNO_3 and H_2O_2 in order to prevent formation of the almost insoluble amido-sulfate complex of $Hg(2+)$. For Part II refer to Ref Zhur-Khimiya, 1958, 39356.

Card 2/2

BARCZA, Lajos (Budapest); SCHULEK, Elemer, r.tag (Budapest)

Data on the chemistry of selenium and selenium compounds. VI.
Detection of the minute amounts of selenate by means of p-ethoxy-
chrysoidine. Kem tud kozl MTA 13 no.3:295-300 '60. (EEAI 9:11)

1. Az Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai
Kemiai Intezete, Budapest.
(Selenium) (Selenates) (Selenium)
(Ethoxychrysoidine)

BARCZA, Lajos (Budapest VIII Museum korut 4/b)

Data on the determination of bismuth in small quantity by means of
dithizone. Acta chimica Hung 28 no.1/3:143-149 '61.
(EEAI 10:9)

1. Institut fur Anorganische und Analytische Chemie der L. Eotvos
Universitat, Budapest.

(Bismuth) (Cyanides) (Dithizone)
(Complex compounds)

BARCZA, Lajos; BURGER, Kalman

Examination of orthoformic acid-ethyl ester. Magyar kem folyoir 69
no.4:178-180 Ap '63.

1. Eotvos Lorand Tudomanyegyetem Szervetlen- es Analitikai-Kemiai
Tanszeke, Budapest.

BARCSAY, Laszlo, tervezomernok

Long-range planning for investments in the building construction. Erdo 12 no.12:542-545 D'63.

1. Erdogazdasagi es Faipari Tervezo Iroda, Budapest

LIST AND 2ND CIPHERS																										1ST AND 2ND CIPHERS																									
PROCESSES AND PROPERTIES INDEX																										1ST AND 2ND CIPHERS																									
1899. Three-phase arc welding experiments. <u>BARCZA, M.</u> <i>Magyar Tech.</i>, 3, 52-3 (Oct., 1948) <i>In Hungarian.</i> Summary in <i>Bull. Ass. Suisse Elect.</i>, 39, 834 (Dec. 11, 1948) <i>In German.</i>—The new process, still in the development stage, aims at balanced loading of the 3-ph. system. Three 1-ph. transformers in delta-star supply a bundle of 3 heavily coated insulated electrodes gripped in a specially designed holder—neutral being connected to the work. Six arcs, 3 being between electrodes and work, and 3 between pairs of electrodes, are started in the usual manner and result in increased rate of deposition. A foot-operated switch serves to interrupt the inter- electrode arcs after extinction of the depositing arcs which can be maintained at lengths of up to 50- 60 mm. Improved weld quality and strength and 23% reduction in power consumption are claimed as further advantages.																																																			
ALP SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			
1ST AND 2ND CIPHERS																																																			

BARCZA, M.

Tempering with an oxyacetylene torch. p. 322 Vol. 9, No. 9 Sept. 1956.
GEP. Budapest, Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1
January 1956.

HUNGARY/Human and Animal Physiology (Normal and Pathological).
Blood Circulation. Heart.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79549.

Author : Szekely, Arpad; Darcza, Sandor; Foldes, Janos.

Inst :

Title : The Combination of the Introduction of Reserpine with
Electrocardiographic Investigation During the Diagnosis
of Organic and Functional Impairments of Heart Activity.

Orig Pub: Orv. hetilap, 1957, 98, No 25, 674-676.

Abstract: In 14 of 18 patients with functional impairments of
the activity of the heart, pathological changes of
ECG disappeared or decreased after the introduction
of 1 mg of reserpine. In 9 of 15 patients with
organic afflictions, the test was negative

Card : 1/1

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HUNGARY / Organic Chemistry. Natural Products and Their Synthetic Analogs. G-3

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4860.

Author : Beke, D., Barczai, M., and Tocke, L.

Inst : Not given.

Title : Notes on the Chemistry of Sanguinarine.

Orig Pub: Magyar Kem Folyoirat, 64, No 4, 125-130 (1958)
(in Hungarian with a German summary).

Abstract: Two routes are proposed to the synthesis of sanguinarine (I) from chelidonine (the principal alkaloid in *Chelidonium majus* L.). Both approaches were developed by the authors in connection with their investigation of the tautomeric forms of I (II-IV). Using a modified Gadamer procedure (J. Gadamer et al, Arch Pharm, 262, 452 (1924)), 20 gms of crude chelidonine are added in small

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HUNGARY / Organic Chemistry. Natural Products and G-3
Their Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4860.

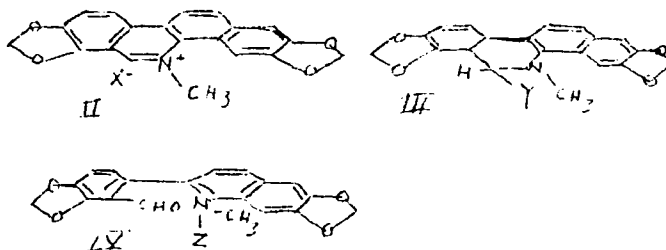
Abstract: portions to 40 gms of $(\text{CH}_3\text{CO})_2\text{O}$; after 24 hrs (20°), 19.5 gms of o-acetylchelidonine (V) crystals are obtained, mp $188-160^\circ$ (from butanol). A solution of 8 gms $(\text{CH}_3\text{COO})_2\text{Hg}$ in 42 ml H_2O / 12 ml glacial CH_3COOH is added with stirring to 4 gms V in 20 ml ethanol plus 20 ml butanol; after 12 hrs at 20° , CH_3COOHg begins to precipitate out; after 24 hrs following refluxing of a water bath (7 hrs) and acidification of the filtrate with 20 ml conc HCl , 2.7 gms IIc are obtained, mp 278° (decomp; from water). TN: for meaning of subscripts consult key in insert 7.

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HUNGARY / Organic Chemistry. Natural Products and G-3
Their Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4860.

Abstract:



IIa X = OH⁻, β X = CH₃COO⁻, α X = Cl⁻; IIIa Y = OH,
Y = H, β Y = OCH₂C₆H₅, α Y = NHC₆H₅, ϵ Y =
NHNHC₆H₅, ϵ Y = CH₂NO₂, f Y = CH₂COOH; IVa Z =
H, h Z = CCCH₃.

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HUNGARY /Organic Chemistry. Natural Products and
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Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4860.

Abstract: 5 gms V in 42 ml C_6H_6 are treated with 1.63 gm HIO_3 (over a water bath); after refluxing for 1 hr, filtering, and acidification with alcoholic HCl , 3.6 gms of a mixture of IIc and IIIb (as the hydrochloride) is obtained. When this mixture is refluxed with a twelve-fold excess of water, IIc dissolves, leaving an insoluble residue (2.14 gms) which proved IIIb, mp 192° ; the filtrate on standing in the cold yields 1.16 gm IIc. IIc (0.9 gm) is also prepared from 1.0 gm IIIb in 180 ml alcohol by refluxing for 7 hrs with a solution of 1.1 gm $FeCl_3$ in 15 ml conc HCl plus 20 ml water. When the oxidation is repeated, near-theoretical yields are obtained. IIa (0.7 gm), mp 264° (decomp), is pre-

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Their Synthetic Analogs.

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Abs Jour: Ref Zhur-Khiniya, No 2, 1959, 4860.

Abstract: pared by treating 3.0 gms IIc in 100 ml water with 50 ml 25% NaOH, extracting with ether, and allowing the extract to stand in the cold. When I is recrystallized from C_5H_5N or from $C_6H_5NO_2$, compounds containing two molecules of I (inter-etherification) in combination with two molecules of C_5H_5N (mp 277°) or with two molecules of $C_6H_5NO_2$ (mp 226°) are obtained; with $C_6H_5CH_2OH$ (20 ml / 0.1 gm I over a water bath), 0.1 gm IIIc is formed, mp 191° . IIIId has been prepared in theoretical yields by grinding 0.85 gm I with 2 ml H_2O - 0.24 gm $C_6H_5NH_2$; mp $239-240^\circ$ (from $CHCl_3$ / benzine, bp $50-100^\circ$). The hydrogenation of 1.0 gm IIIc in 110 ml

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HUNGARY / Organic Chemistry. Natural Products and
Their Synthetic Analogs.

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Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4860.

Abstract: ethyl acetate over Pd/C gives 0.6 gm IIb. The ether extract obtained from 3 gms of an alkaline aqueous suspension of IIc on treatment with 0.5 ml of phenyl hydrazine gives, after 24 hrs, 1.422 gm of IIIe crystals, mp 132° (taking the amount of I base dissolved in ether as a basis, the yield is almost theoretical). The hydrogenation of the product obtained in the last step gives IIb, yield 70%. When 1.0 gm I in 10 ml CH₃NO₂ is stirred for 6 hrs and the solution is then allowed to stand for 24 hrs, 0.9 gm IIIf are obtained, mp 240° (from C₆H₅CH₂OH); hydrogenation of the latter product over Pd/C in ethyl acetate could not be carried out. A solution of 1.75 gm I, 0.6 gm malonic acid, and 20 ml C₅H₅N is heated at 105° (until CO₂

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Their Synthetic Analogs.

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Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4860.

Abstract: evolution has ceased) and then for 30 min at 110° followed by 60 min at 120-130°; the solvent is distilled off, the solution is made alkaline with NaOH, and the product is recrystallized from boiling water, giving 1.2 gm of the tetrahydrate of the Na salt of IIIg; the corresponding methyl ester (1.0 gm of the Na salt of IIIg in 25 ml 15% HCl is heated for 4 hrs with CH₃OH over a water bath) is obtained in yields of 86.2%, mp 182-183° (from abs CH₃OH); recrystallization from ethanol gave the ethyl ester in yields of 97.5%, mp 148-149°. When an anhydrous solution of IIIc in C₆H₅CH₂OH is refluxed for 5 min, a near theoretical yield of nor-I is obtained (2,3,7,8-bis, methyl-enedihydroxy-3-naphthophenantridine), mp 279-280°;

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HUNGARY / Organic Chemistry. Natural Products and
Their Synthetic Analogs.

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Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4260.

Abstract: the same product has been obtained by refluxing I with C_6H_5COCl followed by hydrolysis of the product formed. The addition of 0.15 gm I in 10 ml C_6H_6 + 1.5 ml $(CH_3CO)_2O$ [TN: omission] after evaporation to dryness under vacuum gives IIb, mp 225° (decomp). Refluxing of I in $(CH_3CO)_2O$ for 5 min followed by recrystallization of the residue left after evaporation from tetralin and $C_6H_5NO_2$ gives IVb, mp 283° (decomp). IVb is the only compound obtained by the authors which requires the postulation of the tautomeric form IV for I. However, the authors are of the opinion that IVb is formed after the ring is opened and conclude that neither the experimental nor the theoretical data require postulation of the aminoaldehyde structure IV. -- S. Rozenfeld.

Card 8/8

BEKE, Denes, Prof. (Budapest); SZANTAY, Csaba (Budapest); BARCZAI, Marietta
B. (Budapest)

Contribution to the chemistry of heterocyclic pseudobasic amino-
carbinols. XIV. Molecular compounds of quaternary 3,4-dihydroiso-
quinoline salts. In German. Acta chimica Hung. 21 no.2:153-158 '59.
(REF 9:4)

1. Institute of Organic Chemistry, Technical University, Budapest.
(Heterocyclic compounds) (Dihydroisoquinoline) (Amine alcohols)

BEKE, Denes; SZANTAY, Csaba; B. BARCZAI, Marietta

Data on the chemistry of heterocyclic, pseudobasic amino carbinols. XVI. Comparative kinetic investigation of the reaction of cotarnine as well as some aromatic aldehydes with hydrogen cyanides. Magy kem folyoir 67 no.3:108-112 Mr '61.

1. Muszaki Egyetem Szerves Kemiai Tanszeke, Budapest.

BEKE, Denes; B. BARCZAI, Marietta; FOCZE, Lajos

Data on the chemistry of heterocyclic, pseudobasic amino carbinols.
XX. Preparation of quaternary 3,4-dihydroisoquinoline salts by the
interaction of 2-(β -bromoethyl)-benzaldehyde and amines of the 1st
order. Magy kem folyoir 67 no.12:517-519 D '61.

1. Budapesti Muszaki Egyetem Szerves-Kemial Tanszeke. 2. Szerkeszte
bizottsagi tag, "Magyar Kemial Folyoirat" (for Beke).

BARCZAI, MARIETTA B
Distr: 4E2c(j)/4E3d

S
BW(BW)
JAS(NB)
J

/ Chemistry of heterocyclic pseudobasic amino carbinols.

XIV. Molecular compounds of quaternary salts of 3,4-dihydroisoquinolines. Dénes Beke, Csaba Szántay, and Marietta B. Barczai (Tech. Univ. Budapest, Hung.). *Magyar Kém. Folyóirat* 65: 403-6 (1959); cf. CA 54, 24837g. — 3,4-Dihydroisoquinoline (I) as well as its derivs., substituted on the aromatic ring, gave mol. compds., contg. 1 mole tertiary and 1 mole quaternary compd., with an equimolar amt. of 2,4-(O,N)₂C₆H₃Cl (II) and acyl chlorides, resp., in good yields. On adding H₂O to these compds. N-(2,4-dinitrophenyl) or N-acyl derivs. of 2-(β-aminoethyl)benzaldehyde, and the hydrochloride of the starting bases were obtained. 0,7-Dimethoxy-3,4-dihydroisoquinoline (III) (3.58 g.) in 5 cc. dry Et₂O was added to 3.78 g. II in 30 cc. dry Et₂O. After keeping the soln. overnight, yellow crystals sepd., which were repeatedly extd. with boiling Et₂O. The mol. compd. (IV), formed from III and N-(2,4-dinitrophenyl)-6,7-dimethoxy-3,4-dihydroisoquinolinium chloride, m. 159°, remained undissolved, while 1.87 g. II was extd. with Et₂O. With 2 moles III and 1 mole II, the same product was obtained. Similarly, a deriv. (V), m. 187-8°, from II and the 0,7-methylenedioxy-8-methoxy deriv. (VI) of I, m. 80-10°, from II and I, a deriv. (VII), m. 80-120°, from III and I₂Cl, and a deriv. (VIII), m. 90-110°, from III and p-O₂NC₆H₄COCl, were obtained. IV (5.85 g.) mixed with 30 cc. H₂O, stirred 10 min., and filtered gave yellow 4,5-dimethoxy-2-[β-N-(2,4-dinitrophenyl)aminoethyl]benzaldehyde, m. 212-13° (aq. Me₂CO), insol. in dil. mineral acids; phenylhydrazone m. 186-7°. From the filtrate III.HCl was recovered. Similarly, from V, VI, VII, and VIII the corresponding benzaldehyde derivs. (IX, X, XI, and XII, resp.) were prepd., m. 218-19°, 176°, 149-7°, and 157-8°, resp. The phenylhydrazone of IX m. 203-6°, that of X m. 816-7°, and that of XII m. 189-91°. The anil of XI m. 149°. T, Et₂O.

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Data on the chemistry of heterocyclic, pseudobasic amino-carbinols. Pt. 14. Magyar Kémiai Folyóirat 65 no. 10:403-406
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1. Budapesti Műszaki Egyetem Szerves-Kémiai Tanszéke.
2. "Magyar Kémiai Folyóirat" szerkesztő bizottsági tagja.

BEKE, D., prof. (Budapest); SZANTAY, Cs. (Budapest); BARCZAI, M.B. (Budapest)

Contribution to the chemistry of heterocyclic pseudobasic aminocarbinols.
XVII. Quantitative determination of pseudobasic aminocarbinols and
their dimolecular ether by means of the Karl Fischer solution. Periodica
polytechnica chem 4 no.4:329-334 '60. (EEAI 10:5)

1. Institut für Organische Chemie, Technische Universität, Budapest.
(Heterocyclic compounds) (Amino alcohols)
(Solutions) (Pyridine)

MIECZNIKOWSKA, Maria; MARKIEWICZ, Jan; BARCZYNSKA, Kazimierz; MIECZNIKOWSKI, Andrzej

Total blood volume in newborns. Pol. tyg. lek. 18 no. 8:81-84 14 Ja '63.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Krakowie; kierownik: prof. dr M. Seidler.

(BLOOD VOLUME DETERMINATION)

LANG, L. (Budapest XI., Gellert ter 4); BARCZAI-BEKE, M. (Budapest XI., Gellert ter 4); BEKE, D., prof. (Budapest XI., Gellert ter 4)

Contributions to the chemistry of heterocyclic pseudobasic aminocarinols. XIX. Comparative ultraviolet-spectroscopic investigation of cctarnine and some structural related compounds. Periodica polytechn chem 5 no.4:313-319 '61.

1. Lehrstuhl für Physikalische Chemie und Lehrstuhl für Organische Chemie, Technische Universität.

STADNIK, J.; BARCZEWSKA, H.

Torsion of the whole omentum. Polski przegl. chir. 30 no.7:775-777
July 58.

1. Ze Szpitala Miejskiego nr 4 w Chorzowie Ordynator: dr A. Galocz.
Adres autora: Chorzow 6, ul. Kochanowskiego 4.
(OMENTUM, dis.

torsion of greater omentum, case report (Pol))

EXCERPTA MEDICA Sec 8 Vol 12/5 Neurology May 59

2459. INVESTIGATION OF THE ERYTHROCYTE OSMOTIC RESISTANCE IN SCHIZOPHRENIA - Badania nad zachowaniem się oporności osmotycznej krwinek czerwonych w schizofrenii - Barczewski A. Klin. Psychiat. A.M., Łódź - NEUROL. NEUROCHIR. PSYCHIAT. 1958, 7/suppl. 4 (646-647) Tables 2

Experiments on the osmotic resistance of the red blood corpuscles were made in 160 patients with different forms of schizophrenia. The patients showed great differences in the aspect of the disease, its duration and its grade of progressivity. The method chosen was the usually prescribed hypotonic solution of NaCl. No pathologic changes were observed.

ROZSOS, Istvan, dr.; BARCZI, Antal, dr.

Gallbladder perforation during epidemic hepatitis in
childhood. Orv. hetil. 106 no.45:2147-2148 7 N '65.

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Pal, dr.) es Sebeszeti Osztaly (foorvos: Szabo, Bela, dr.).

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~~Application of Pavlov's physiology in the training and education of the physically and mentally defective. Magv.belorv.arch. 4 no.3:140-143 1951.~~
(CJML 21:1)

1. Doctor. 2. Teachers' Training College for the Teaching of Backward Children. (Director—Dr. Gusztav Barczi).

BARCZI, Gusztav (Budapest, VII., Bethlen Gabor ter 2)

A problem of the education of abnormal and retarded children:
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1. Gyogypedagogiai Tanarkepzo Foiskola igazgatoja, Budapest;
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Gyogypedagogiai Lelektani Albizottsaganak elnoke; "Magyar
Pszichologiai Szemle" szerkeszto bizottsagi tagja.

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Influence of the Pavlovian theory on therapeutic pedagogy in Hungary. Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 6 no.3-4 277-289; discussion p. 290-305. 1955.

(EDUCATION

therapeutic pedagogy in Hungary, influence of
Pavlovian theory. (Hun))

BARCZI, G.

BARCZI, G. Results of our educational system for retarded children.
p. 536.

Vol. 114, No. 9, Sept. 1955
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Budapest, Hungary

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Thanks. Magyar Kisipar 6 no.7:6 4 Ap '62.

1. Hazafias Nepfront II. kerületi bizottsaga elnöke; országgyűlési képviselő, Budapest.

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Durability of refractory lining bricks for the tapping ladles of Siemens-Martin furnaces. Mátyás, Bárczi. *Bányász. Kohász. Lapok* 82, 397-8(1940).—The factors affecting durability of refractory bricks are: (1) quality of bricks, slightly acid material proved to be superior to normal chamotte; (2) careful handling during construction and under operation, an acid substance is more suitable than chamotte mortar for cementing and quick temp. changes between the single castings should be avoided, e.g., cooling with direct application of water; (3) amt. of slag, excess slag should be removed from time to time to avoid melting of lining bricks.

1. Finally

BARCZUK, Witold, dr

Analysis of the Polish hinterland of the Polish seaports
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1. Wyzsza Szkola Ekonomiczna, Sopot.

BARCZAK, M.

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(GEOGRAFIA I SIEKOLN. Vol. 10, no. 4, July/Aug. 1957, Warszawa, Poland.)

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Forest products as an element of the support base of Polish
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(Poland--Forests and forestry) (Poland--Harbors)

BARCZUK, Witold

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Polish seaports. Gosp morska no.4:109-130 '60.

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HUNGARY

Animal Husbandry Research Institute, Cattlebreeding
Department (Allattenyesztesi Kutatointezet Szarvas-
marhatenyesztesi Osztalya), Budapest

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"The Self-feeding of Bullocks Between Spring and
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Co-author:

VERESS, Laszlo, Agricultural University, Experimental
Farm (Agrartudomanyi Egyetem Tangazdasaga) Hajdu-
szoboszlo.